

Luis A. Sanchez, M.D.
Chief Medical Examiner



Main: (713) 796-9292
Fax: (713) 796-6844

Harris County Institute of Forensic Sciences

AMENDED
AUTOPSY REPORT

Case 73 - 3333

August 9, 1973

PATHOLOGICAL DIAGNOSIS ON THE BODY

OF

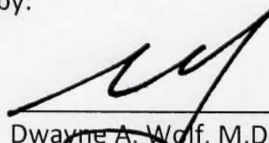
Unidentified

Gunshot wounds (2) of head, close range.

It is our opinion that the decedent,
Michael Anthony Baulch, came to his
death as a result of gunshot wounds
(2) of head, close range - Homicide.

It is our further opinion that death
occurred on or about August 21, 1972.

Amendment reviewed by:


Dwayne A. Wolf, M.D., Ph.D. 09/10/10
Deputy Chief Medical Examiner MMDYY

COMMENT: This decedent was misidentified in 1973. This report is amended to change the identification of this decedent to unidentified.

(See Companion Cases 73-3332, 73-3334, 73-3335, 73-3336, 73-3337,
73-3338, 73-3339, 73-3347, 73-3348, 73-3349, 73-3350, 73-3353,
73-3354, 73-3355, 73-3356 and 73-3357)

POSTMORTEM EXAMINATION ON THE BODY OF

Unidentified

HISTORY: The body of this unidentified young male teenager (Unknown #2) was found at approximately 8:00 p.m. on August 8, 1973, in Stall #11, at 4500 Silverbell Street, Houston, Texas. (See Companion Cases 73-3332, 73-3334, 73-3335, 73-3336, 73-3337, 73-3338, 73-3339, 73-3347, 73-3348, 73-3349, 73-3350, 73-3353, 73-3354, 73-3355, 73-3356, and 73-3357)

AUTOPSY: The autopsy was performed by Chief Medical Examiner Joseph A. Jachimczyk, M.D., assisted by Assistant Medical Examiner Ethel E. Erickson, M.D., and assisted by Dr. Paul G. Stimson, beginning at 4:00 p.m. on August 9, 1973, in the Harris County Morgue.

EXTERNAL APPEARANCE: The body measured an approximate 70 inches in length and weighed a total of 70 pounds. The head was symmetrical and covered with light brown hair, measuring up to approximately 7 inches in length. Covering the eyes and face, there was heavy adhesive tape, and there was a mouth gag. The gag was a portion of Turkish towel. The facial features were not recognizable. The teeth were in a good condition. In the forehead, at a point 1 inch above the glabella, there was a gunshot entrance wound, the lumen of which measured .25 inches in diameter. In the right side of the head, there was another gunshot wound, just 1 inch above the right external ear. This wound measured 3/8 inch in diameter and had black discoloration on the surrounding bone. Each of the wounds had dark black charring on the bone. The neck was long, loose, flabby and thin. The thorax was symmetrical but fallen in, due to decomposition. The abdomen was scaphoid, also due to decomposition. Abundant fragments of cheesy material were over the anterior abdomen and anterior surfaces of the lower extremities. The upper extremities consisted only of wet bones. No hands were present. The feet were absent. The back was mostly deteriorated and partially eaten away with lime. Wrapped around the head, there was a blue plastic material tied with sash cord. There was also a loop of sash put around the chest. The skin of the chest and abdomen was parchment-like. The sagittal and coronal sutures of the skull were very sharply and clearly delineated.

INTERNAL EXAMINATION: Section: There were large defects in the lateral thorax and abdomen. The ribs were exposed. The costal chondral junctions were not calcified. The thoracic and abdominal viscera were largely decomposed and collapsed. The coronary arteries were smooth, thin, glistening and pliable. The remainder of the abdominal viscera were decomposed and partially destroyed with quick lime.

LUNGS: Only fragments of decomposed lung tissue remained.

LIVER: The liver weighed 300 grams. It was mostly decomposed.

BONES: There were no bony abnormalities, except for the missing bones and the two gunshot entrance wounds in the skull.

HEAD: The scalp was reflected in the usual coronal fashion. There were two separate bullet holes in the calvarium. Each of these was surrounded by a dark ring, extending $\frac{3}{4}$ inch. The lumen of the one in the right temporal bone measured $\frac{3}{8}$ inch in diameter, while that of the glabella measured .25 inches in diameter. The brain was soft and mushy. There were two misshapen .22 caliber bullets in the mushy brain, which weighed 150 grams. The base of the skull was intact.

A second series of skeletal X-rays were made following the autopsy and cleaning of the body. These films were made for the purpose of evaluation of bone age.

An anteroposterior view of the chest and shoulders showed all bones to be intact, including the spine, ribs, clavicles, and scapulae and humeri. The proximal ends of the humeri showed well defined epiphyseal plates, which were quite thin and centrally suggested scars of recent union. However, at the margins of the bone, there were small defects which indicate that fusion was incomplete. The distal ends of the humeri were not seen on this film. The proximal ends of the clavicles were visible. There was no evidence of a proximal clavicular epiphysis.

A film of the lower abdomen and pelvis included also a right ulna and the left ulna and radius. The radius appeared to be separated from the skeleton and was placed in inverted position. The proximal ends of the ulnas were not well visualized due to residual radio-opaque material, apparently lime.

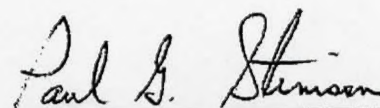
The distal end of the left ulna showed an apparently unfused epiphysis. The epiphyseal plate was well visualized. The proximal radial epiphysis appeared to be fused. The distal radial epiphysis was not well visualized. The pelvis showed well defined calcified epiphyses of the iliac crests. The right was better visualized than the left, but neither crest appeared to be fused in any portion. The upper portions of both femurs were visible, but the degree of fusion could not be evaluated on this film.

An X-ray of the knees and portions of one foot comprised the third film. The foot was present as a separate specimen. The distal conjoint femoral epiphyses appeared to be fused, but the degree of fusion was not evaluable on this film. The proximal tibias showed what appeared to be a scar on epiphyseal union and the cortical outlines showed no visible defect. The proximal portions of both fibulae were visible, but the degree of epiphyseal fusion could not be evaluated.

Based upon the above information, the age of this decedent was estimated at 15 to 18 years.

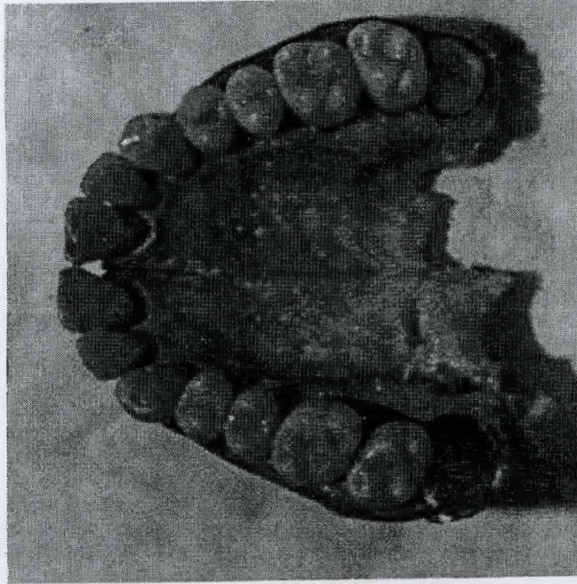
DENTAL EXAMINATION

The Universal System is used. No fillings are present. Tooth number 1 is avulsed. The upper left and lower left and lower right third molars are impacted. There are caries as follows: occlusal caries in the upper right second molar, tooth number 2; there is attrition on the incisal edges of the upper right and left cuspids, teeth 6 and 11; there is occlusal caries on the lower left second molar, tooth 18; there is attrition on the incisal edges of the lower canines, which are teeth 22 and 27; there are occlusal caries on the lower right first and second molars, which are teeth 30 and 31. There is a chip on the incisal edge of tooth number 9, and a vertical crack on tooth number 8. The crack is approximately in the mid line. The jaw relationship is normal.

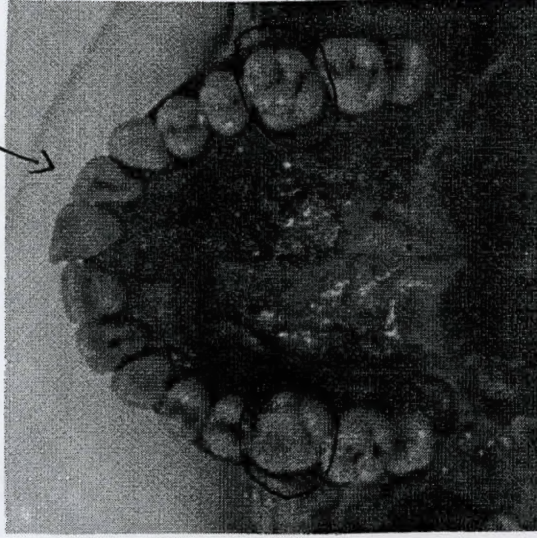


Paul G. Stimson, D.D.S., M.S.

Carabelli's Cusp
Shovel shaped incisors



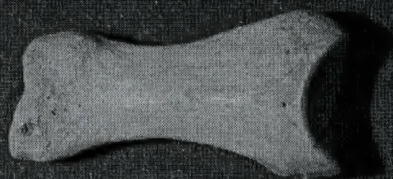
ML73-3533
misidentified as Michael Baulch



ML73-3413
Billy Baulch



ML73-3378
confirmed as Michael Baulch



Sample sent for Comparison

Specimen 10-2727.1

See report

INCHES

1

2

ML73-3333

METRIC 1

2

3

4

5



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HEALTH SCIENCE CENTER at Fort Worth

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Education, Research,
Patient Care and Service

Missing Persons DNA Database Report #3

August 2, 2010

Accession Number 1: 06-4753

Accession Number 2: 06-4758

Accession Number 3: 10-2720

Submitting Agency 1:

Melanie Schramm
Texas Department of Public Safety
5805 N. Lamar Blvd
Austin, TX 78752

Submitting Agency 2:

Sharon M. Derrick, Ph.D.
Harris County Institute of Forensic Sciences
1885 Old Spanish Trail
Houston, TX 77054

Agency Case Number: ML73-3378
NCIC Number: U700019506

Agency Case Numbers: PA29-30-31#2,
ML73-3378#2
NCIC Number: Not Provided

ITEMS RECEIVED

Received via Fed Ex (#857318472755) on October 26, 2006:

06-4753.1 Unidentified Remains Sample, bone

Sibling
relationship
to Debra
Hernandez

06-4758.1 Unidentified Remains Sample, bones ribs, metatarsal from ML73-3378

Item **06-4758.1** separated into three sample numbers on November 8, 2006:

06-4758.1A Unidentified Remains Sample, rib

06-4758.1B Unidentified Remains Sample, metatarsal

06-4758.1C Unidentified Remains Sample, rib

Received via Fed Ex (#865896385005) on July 10, 2008:

06-4753.2 Unidentified Remains Sample, bones

August 2, 2010

Accession Numbers: 06-4753, 06-4758, 10-2720

Agency Case Numbers: ML73-3378, PA29-30-31#2, ML73-3378#2

Missing Persons DNA Database Report

Item **06-4753.2** separated into eight sample numbers on July 15, 2008:

- 06-4753.2A** Unidentified Remains Sample, pelvis
- 06-4753.2B** Unidentified Remains Sample, sacrum
- 06-4753.2C** Unidentified Remains Sample, vertebrae
- 06-4753.2D** Unidentified Remains Sample, vertebrae
- 06-4753.2E** Unidentified Remains Sample, vertebrae
- 06-4753.2F** Unidentified Remains Sample, bone
- 06-4753.2G** Unidentified Remains Sample, bone
- 06-4753.2H** Unidentified Remains Sample, bone

Received via FedEx (#865896384800) on September 23, 2008:

- 06-4758.2** Unidentified Remains Sample, bones

Item **06-4758.2** separated into two sample numbers on September 29, 2008:

- 06-4758.2A** Unidentified Remains Sample, mandible
- 06-4758.2B** Unidentified Remains Sample, skull from ML73-3378

Received via Fed Ex (#871266384461) on June 16, 2010:

- 10-2720.1** Family Reference Sample, **Debra S. Hernandez**, representing a sibling of a missing person, **Michael A. Baulch**

TESTING PERFORMED

Testing performed on items **06-4753.1**, **06-4753.2**, **06-4758.1**, and **06-4758.2** was noted in a previously submitted Missing Persons Report dated January 21, 2010. Human DNA extracted from item **10-2720.1** was analyzed for fifteen (15) genetic loci using the Applied Biosystems AmpF!STR Identifier system. Item **10-2720.1** was also analyzed for human mitochondrial DNA (mtDNA) regions HV1 and HV2. Amplified mtDNA fragments were sequenced in the forward and reverse direction and compared to the revised Cambridge Reference Sequence (Andrews et al. *Nature Genetics* 1999).

The genetic data obtained from item **10-2720.1** was uploaded into the *Relatives of Missing Person* indices of the Combined DNA Index System (CODIS). The genetic data

August 2, 2010

Accession Numbers: 06-4753, 06-4758, 10-2720

Agency Case Numbers: ML73-3378, PA29-30-31#2, ML73-3378#2

Missing Persons DNA Database Report

obtained from items **06-4753.2**, **06-4758.1**, and **06-4758.2** were previously uploaded into CODIS. Items **06-4753.2E**, **06-4758.1-.2B**, and **10-2720.1** were compared at the request of the agency. An association between items **06-4753.2E**, **06-4758.1-.2B**, and **10-2720.1** was noted.

RESULTS

The mitochondrial DNA data obtained from items **06-4753.2E**, **06-4758.1-.2B**, and **10-2720.1** are consistent with one another. Therefore, the remains and family reference sample cannot be excluded as being possible maternal relatives. Items **06-4753.2E** and **06-4753.1-.2B** represent two individuals.

Sample from Billy Baulch, ML73-3413

Based on these genetic data (autosomal STRs and mitochondrial DNA), it is approximately **820 million times more likely** to be observed under the scenario that the unidentified remains, item **06-4753.2E**, originated from a biological sibling of **Debra S. Hernandez** as compared to the unidentified remains originating from an unrelated individual from the Caucasian population.¹

Sample from ML73-3378

Based on these genetic data (autosomal STRs and mitochondrial DNA), it is approximately **10,000 times more likely** to be observed under the scenario that the unidentified remains, item **06-4758.1-.2B**, originated from another biological sibling of **Debra S. Hernandez** as compared to the unidentified remains originating from an unrelated individual from the Caucasian population.¹

The submission of additional first-order relatives could significantly increase the above statistical calculations. If additional statistical weight is needed, please contact the laboratory to determine which first-order relatives would provide the most informative comparisons.

Investigators are strongly encouraged to evaluate all associated case information in addition to the provided genetic results before declaring identity of the remains.

In the event that an identification is rendered by the appropriate legal authority, a copy of the death certificate must be submitted to the laboratory so that all genetic data obtained from the associated family reference sample(s) can be expunged from the CODIS database.

The remainder of the reference item will be maintained by the UNT Center for Human Identification laboratory.

In the event that you have any questions or if we can be of further assistance, please feel free to contact the laboratory at 817-735-2143.

The above is the opinion of the undersigned, and this report shall not be reproduced without verbal or written permission.

August 2, 2010

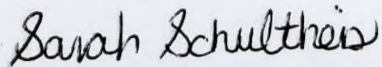
Accession Numbers: 06-4753, 06-4758, 10-2720

Agency Case Numbers: ML73-3378, PA29-30-31#2, ML73-3378#2

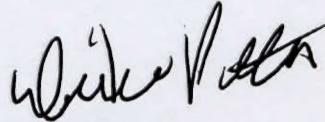
Missing Persons DNA Database Report

¹ Allele frequency data obtained from Budowle et.al, J Forensic Sci 1999; 44(6):1277-1286 and Budowle et.al, Forensic Sci Comm 2001; (3); mtDNA frequency data obtained from Forensic Science Communications, April 2002, Volume 4, Number 2

Sincerely,



Sarah Schultheis
Forensic Analyst
UNT Center for Human ID



Dixie Peters
Forensic Analyst/Report Review
UNT Center for Human ID

End of Report



UNIVERSITY of NORTH TEXAS
HEALTH SCIENCE CENTER at Fort Worth

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Education, Research,
Patient Care and Service

Missing Persons DNA Database Query

August 25, 2010

Submitting Agency 1:

Texas Dept. of Public Safety
Melanie Schramm
5805 N. Lamar Blvd.
Austin, TX 78752

Submitting Agency 2:

Harris County Medical Examiner's Office
Dr. Sharon Derrick
1885 Old Spanish Trail
Houston, TX 77054

Agency Case Number(s): ML73-3378, ML73-3333

Accession Number(s): 10-2720, 10-2727

Missing Person: Michael A. Baulch

At the request of the submitting agency(ies), the DNA data obtained from the *Unidentified Remains* sample **10-2727.1** was searched against DNA data contained within the *Relatives of Missing Person* index in CODIS. This search included the data from family reference sample(s) **10-2720.1** submitted on behalf of missing person **Michael A. Baulch**.

The search **did not** return any valid associations between samples. The DNA data from the unidentified remains and reference sample(s) will remain in the database for future comparisons and for upload to the National DNA Index System if appropriate.

In the event that you have any questions or if we can be of further assistance please contact the laboratory at 800-763-3147.

Sincerely,

Melody Josserand, MS
CODIS Administrator
UNT Center for Human ID